

Final Product Specification



Part no : 33-9180-48
Issue No : 01

Description : PLANAR FER/I 18X2X10/F48
Issue Date : 06.12.05
UOM : SINGLE

Electrical specification

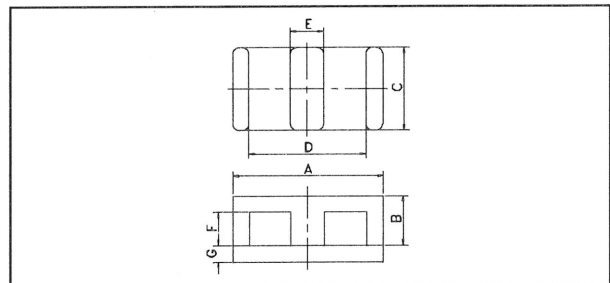
SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	3500+/-25%
2	Initial permeability	10 KHz, B<0.1mT	2300+/-20%
3	Total power loss density	25KHz, 200mT, 100°C 100KHz, 100mT, 100°C	110mW/cc max 135mW/cc max
4	Curie Temperature	10 KHz, B<0.1mT	220°C
5	Saturation flux density	H=796A/m. 25°C H=796A/m. 100°C	480 mT typical 380 mT typical

Le=21.3mm Ae=39.3mm²
Ve=837mm³ Cl=0.541mm⁻¹

Mechanical specification:

PARAMETER	SPECIFICATION
I core spec	
I core thickness	1.90-2.10 mm
I core length	18.00-18.35 mm
I core width	9.80-10.20 mm

To be measured with 32-9180-47



Packing specification:

Carton quantity 480

Prepared by

Issued by



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